items for a particular activity are kept together and may be easily taken along when going to an activity and stored when returning from the activity.

[0011] In accordance with another aspect of the invention, the receiving unit described above is integrated into a portion of a vehicle having a side wall, such as a side of a truck bed, a side door, a side of a trunk lid, or other side panel of a vehicle. Interior walls are also contemplated.

[0012] In accordance with another aspect of the invention, the receiving unit described above is integrated into a portion of a motor vehicle having a front end, such as a front end of a bus, motor home, van, truck, SUV, or minivan.

[0013] In accordance with another aspect of the invention a storage system is provided which allows a user to easily transport and store items associated with a particular activity in a convenient compartment or compartmentalized pod. This provides simplicity in storing commonly used items for one activity, ease of transport, and ease of storage in any location necessary including in the home, office, garage, basement, closet, on a wall, or in or on virtually any other location desired.

[0014] Other systems, devices, methods, features and advantages of the subject matter described herein will be or will become apparent to one with skill in the art upon examination of the following figures and detailed description. It is intended that all such additional systems, devices, methods, features and advantages be included within this description, be within the scope of the subject matter described herein and be protected by the accompanying claims. In no way should the features of the example embodiments be construed as limiting the appended claims, absent express recitation of those features in the claims.

BRIEF DESCRIPTION OF THE DRAWING(S)

[0015] The details of the subject matter set forth herein, both as to its structure and operation, may be apparent by study of the accompanying figures, in which like reference numerals refer to like parts. The components in the figures are not necessarily to scale, emphasis instead being placed upon illustrating the principles of the subject matter. Moreover, all illustrations are intended to convey concepts, where relative sizes, shapes and other detailed attributes may be illustrated schematically rather than literally or precisely.

[0016] FIGS. **1**A-**1**I show an example embodiment of a cargo carrier and adapter bar device and coupling mechanisms for connection with a sport vehicle from various angled views.

[0017] FIG. **2** shows an example embodiment of an adapter bar device with receivers.

[0018] FIG. **3** shows an example embodiment of a view of the rear end of a sport vehicle.

[0019] FIG. **4** shows an example embodiment of a view of a spare tire of a sport vehicle.

[0020] FIG. **5** shows an example embodiment of an interior of a spare tire of a sport vehicle.

[0021] FIG. **6** shows an example embodiment of a golf bag attachment mechanism for use with a cargo carrier and storage adapter bar.

[0022] FIG. **7** shows an example embodiment of a golf bag with a coupled attachment mechanism.

[0023] FIG. **8** shows an example embodiment of a close perspective view of a golf bag with a coupled attachment mechanism.

[0024] FIG. **9** shows an example embodiment of a close straight view of a golf bag with a coupled attachment mechanism.

[0025] FIG. **10** shows an example embodiment of a golf bag with a coupled attachment mechanism attached to a cargo carrier and adapter bar device.

[0026] FIG. **11** shows an example embodiment of an electromechanical human chair device coupled with a cargo carrier and adapter bar device

[0027] FIG. **12** shows an example embodiment of an electromechanical human chair device for coupling with a cargo carrier and adapter bar device.

[0028] FIG. **13** shows an example embodiments of an electromechanical human chair device for coupling with a cargo carrier and adapter bar device from various perspective views.

[0029] FIG. **14** shows an example embodiment of an electromechanical human chair device for coupling with a cargo carrier and adapter bar device.

[0030] FIG. **15** shows an example embodiment of an electromechanical human standing transportation device for coupling with a cargo carrier and adapter bar device.

[0031] FIG. **16** shows an example embodiment of a bottle carrier device with attached cargo carrying attachment.

[0032] FIG. **17** shows an example embodiment of a bottle with attached cargo carrying attachment.

[0033] FIG. **18** shows an example embodiment of a wall mounting for a cargo carrying and storage device.

[0034] FIG. **19** shows an example embodiment of a cargo carrier device with hinged wings.

[0035] FIGS. **20-23** show example embodiments of an adaptor bar for use on a bicycle that can be removable, adjustable horizontal support adaptor bars.

[0036] FIGS. **24**A-**24**C show example embodiments of bicycle carrying apparatuses.

[0037] FIGS. **25**A-**25**F show example embodiments of a lockable clamp for use with a bike seat post.

[0038] FIGS. **26**A-**26**H show example embodiments of adaptor bars with removable clamps.

[0039] FIGS. **27**A and **27**B show example embodiments of a carrier bar and support system including components for coupling with the rear of a vehicle.

[0040] FIGS. **28**A and **28**B show a variety of embodiments for electrical, magnetic, and electro-magnetic systems or sub-systems can be coupled or integrated with carrier or storage bars.

[0041] FIG. **29**A shows an example embodiment of a trapezoidal mount that is not yet mechanically coupled to an item or carrier bar.

[0042] FIG. **29**B shows an example embodiment of a trapezoidal mount that is not yet mechanically coupled to an item or carrier bar.

[0043] FIG. **29**C shows an example embodiment of a trapezoidal mount that is not yet mechanically coupled to an item or carrier bar.

[0044] FIG. **30**A shows an example embodiment of a top view of a female receiver.

[0045] FIG. **30**B shows an example embodiment of a cross sectional view of a female receiver.

[0046] FIG. **31**A shows an example embodiment of a female receiver clip view from above the receiver area and a side view of a male linking unit mounted on a bar.